



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Schwartz
Serial No. 09/815,978
Filed: March 22, 2001
For: *HYDRAZINE-BASED AND CARBONYL-
BASED BIFUNCTIONAL CROSSLINKING
REAGENTS*
Art Unit: Unassigned
Examiner: Unassigned

I hereby certify that this paper and the attached
papers are being deposited with the United States
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Commissioner for Patents
Washington, D.C. 20231, on this date.

05/11/01
Date

Kelly Fischer
Kelly Fischer

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to examination of the above-captioned patent application,
please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up copy of the
amended specification is attached to this Amendment):

**Please replace the paragraph on page 1, lines 10-17, with the following
paragraph.**

BACKGROUND OF THE INVENTION

Methods to crosslink biomolecules such as proteins, oligonucleotides and
carbohydrates to each other, to radioactive and non-radioactive metal chelates,
to drugs and to surfaces have allowed development of both in vitro and in vivo
diagnostic assays as well as in vivo therapies. A wide variety of methods have
been developed and reviewed (Greg T. Hermanson, Bioconjugate Techniques,
Academic Press).